

AXIOMEKH, LLC

Innovative Embedded Systems · Artificial Intelligence · Technology Solutions
CAPABILITY STATEMENT

COMPANY OVERVIEW

AXIOMEKH, LLC is a technology firm specializing in the design and development of innovative embedded systems and artificial intelligence (AI) solutions. We engineer intelligent hardware-and-software systems — integrating microcontrollers, sensors, wireless connectivity, and on-device/edge AI — and deliver custom software, firmware, and technology consulting that turn complex technical challenges into reliable, deployable products.

Combining software engineering, embedded hardware expertise, and hazard/safety domain knowledge, AXIOMEKH serves organizations seeking dependable, secure, next-generation technology.

CORE COMPETENCIES

- Embedded systems design & integration (microcontrollers, sensors, wireless/IoT)
- Edge AI & on-device machine learning for real-time, low-power applications
- Custom software & firmware development
- Ultra-low-power wireless solutions (BLE, Thread/Matter, LoRaWAN)
- Sensor systems & custom electronics design
- Technology and management consulting for innovative business solutions
- Supply of related computer, electronic, and sensor hardware and components

DIFFERENTIATORS

- U.S. military CBRN (chemical/biological/radiological/nuclear) background — rare expertise in safety- and hazard-critical systems
- Full-stack capability spanning software, embedded hardware, and AI in one firm
- Agile, founder-led delivery leveraging modern AI tooling for speed and cost efficiency
- Focus on secure, reliable, and mission-ready embedded technology

CERTIFICATIONS & DESIGNATIONS

WA OMWBE (MBE) — In progress

NAICS CODES

541512 (primary) Computer Systems Design Services
541611 Administrative & General Management Consulting
423430 Computer & Software Merchant Wholesalers
424990 Other Nondurable Goods Wholesalers

541511 Custom Computer Programming Services
541330 Engineering Services
423990 Other Durable Goods Wholesalers

COMPANY DATA

Legal name: AXIOMEKH, LLC
UBI: 606 254 759

CONTACT

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